

Cordon Station Travel

Through Trips

The Through Trip Table for this study was developed based on Statewide Planning Technical Report 3 (Synthesized Through Trip Table for Small Urban Areas By Dr. David G. Modlin, Jr.).

Once these volumes were developed, the Fratar balancing method was then used to balance the trip interchanges so that the total number of through trips at each external station is consistent with the total number of through trips at every other station. Generally five iterations are sufficient to balance the estimate between external zones.

External – Internal Trips

The external-internal trip volumes were determined by subtracting the through trip volume at each external station from the total traffic volume at that station.

Design Year External and Through Trips

For the design year, external and through trips were projected from the base year using a linear projection of the past growth rate at each external station.

See Table 7-7 Cordon Station Travel for a listing of the through trip volumes, external-internal trip volumes and the volumes at the external stations.